

New England Agricultural Statistics



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Crop Weather

(Issued weekly on the internet, May – October)

June 13, 2005 – 4 pm For week ending 6/12/05

Heat and Sun!

GENERAL CONDITIONS: For the week ending June 12, 2005, there were 6.3 days suitable for fieldwork. Topsoil moisture: 3% very short, 6% short, 77% adequate, 14% surplus. Subsoil moisture: 3% very short, 10% short, 76% adequate, 11% surplus. Pasture condition: 2% poor, 21% fair, 49% good, and 28% excellent. Heat and sun finally arrived early in the week and remained through the weekend. By Thursday, conditions were hazy, hot, and humid with severe thunderstorms rumbling throughout New England into the weekend during the latter part of each day. The drastic weather change enhanced growing conditions for most field crops and allowed farmers to continue fieldwork. Planted acreage for most field crops were winding up and on schedule and first cutting of haylage were above normal. Governor Romney and Baldacci declared state of emergency over red tide in Massachusetts and Maine; the algae have closed clam flats from Massachusetts to Maine. Major farm activities: chopped grass silage, baled hay, planted and tilled fields, spread manure and fertilizer on fields, applied pesticides and insecticides to fruit trees and berries, planted sweet corn and vegetables, harvested asparagus, spinach, and rhubarb, and worked in greenhouses.

FRUIT: Maine wild blueberry pollination near completion as bee activity improved with the arrival of warm, sunny days. In Maine, growers spotted light patches of Monilinia blight in blueberry fields; the crop progress remained behind schedule from the wet, cool month of May. Strawberry growers were also a week behind schedule, as strawberry ripening and growth were limited during May. Massachusetts's strawberry conditions were rated very poor to good, elsewhere good to fair. In parts of New England, orchardist discovered Plum curculio activity in fruit trees. At week's end, pollination in apple orchards were near completion, despite a slow start by bees. Also, some apple producers reported heavy losses from the mid-May frost and scabs from the cool, wet conditions in May. Cranberry growers treated for insects as weevil population increased.

FRUIT CROP DEVELOPMENT ACROSS NEW ENGLAND

Crop	Stage	Fruit Set	Condition
Apples	PF	Avg/Below	Good/Fair
Peaches	PF	Avg/Below	Fair/Good
Pears	PF	Avg	Fair/Good
Blueberries			
Highbush	FB/PF	Avg	Good
Wild, ME	FB/PF	Above Avg	Good/Excel
Cranberries,	Bud	Avg	Good/Fair
Strawberries	FB/PF	Avg/Below	Good/Fair

FB = Full Bloom, PF = Petal Fall

VEGETABLES: Heat and sun was welcomed by vegetable producers to plant various warm weather crops and play catch up. Growers reported that they are a couple of weeks behind schedule for plantings. The sun and heat enhanced early planted and newly planted vegetables growth. Planted sweet corn acreage were on schedule at week's end as crop conditions improved from the desirable warm, sunny days. Producers harvested asparagus, greens, radish, rhubarb, and spinach and were selling at roadside stands. Greenhouses business continued to prosper from the hot, sunny days.

SOIL MOISTURE ACROSS NEW ENGLAND

Soil Rating	This Week	Last Week	Last Year					
	Percent							
Topsoil								
Very Short	3	0	0					
Short	6	8	14					
Adequate	77	63	70					
Surplus	14	29	16					
Subsoil								
Very Short	3	0	0					
Short	10	8	3					
Adequate	76	63	83					
Surplus	11	29	14					

FIELD CROPS: Finally heat and sun arrived at an important time to enhance field crops growth. Field corn planted early and recently planted, emerged and grew rapidly over the week. Farmers continued to plant field corn and were coming to an end. Planted acreage of small grains in Maine were on schedule and near completion at week's end. Maine potato planted acreage should finish if weather permits this coming week. First cutting of hay continued on schedule as the warm and sunny days provided good drying conditions. However, severe thunderstorms and afternoon showers limited some farmers from baling hay in parts of New England throughout the weekend. Broadleaf tobacco planted acreage near completion and ahead of normal.

FIELD CROP DEVELOPMENT ACROSS NEW ENGLAND

				Percent	
Crop	2005	2004	5-yr Avg	Emerged	Condition
	P	ercent Pla	nted		
Barley, ME	99	100	99	75	Excellent/Good
Oats, ME	95	100	99	75	Excellent/Good
Potatoes					
Maine	95	100	99	10	Excellent/Good
Mass	100	100	100	85	Good
Rhode Isl	100	95	99	100	Excellent/Good
Silage Corn	90	90	85	70	Good
Sweet Corn	80	80	80	55	Good/Excellent
Tobacco					
Shade	100	100	95	-	Good
Broadleaf	80	75	60	-	Good/Fair
Dry Hay	Pe	rcent Harv	vested		
First Cut	35	40	30	-	Good/Fair

Weather Summary For New England Agricultural Statistics Prepared By AWIS, Inc.

For the Period: Monday June 6, 2005

To: Sunday June 12, 2005

	т	A: EMPE	ER RATURE	=		M SINC				EK PRE		4-WEEK	CUM PI	
STATION	LO	HI	AVG [OFN	BAS TOT	SE-50F DFN	BAS TOT	SE-60F DFN	TOTAL INCHES	DFN	DAYS	TOTAL INCHES	DFN	DAYS
MAINE Augusta_State_A Bangor_Intl_Arp Bethel Caribou_Municip Dover-Foxcroft Frenchville Houlton Livermore_Falls Moosehead Portland_ME	49 51 51 37 45 40 38 48 41	88 89 93 86 86 89 81 91 84	69 68 68 63 64 62 63 68 62 69	+7 +8 +7 +4 +5 +5 +4 +9 +6 +9	277 298 258 227 191 227 233 251 169 261	- 41 +35 -20 +23 -18 +56 +25 +39 +25 +14	94 88 87 70 61 76 70 93 49 85	+45 +56 +49 +51 +43 +68 +50 +74 +45 +63	0.42 0.05 1.08 0.29 0.27 0.66 0.23 3.33 0.19 1.21	-0.35 -0.72 +0.15 -0.34 -0.58 -0.04 -0.54 +2.35 -0.72 +0.37	5 1 1 2 3 2 4 4 3	12.24 13.97 9.74 12.59	+6.10 +1.26 +10.56 +3.11 +2.31 +0.61 +3.00 +10.09 +3.42 +7.75	45 34 38 45 36 46 47 42 46
NEW HAMPSHIRE Benton Berlin AG Concord Diamond Pond Keene AP North_Conway Rochester	55 52 54 49 52 53 52	86 87 90 81 90 89		+11	273 276 385 189 379 289 312	- 17 +7 +42 +52 - 56 - 19 - 74	89 99 143 61 129 98 104	+48 +62 +79 +61 +26 +48 +24	1.08 0.25 0.72 0.36 1.74 1.92 0.76	+0.17 -0.72 -0.02 -0.69 +0.90 +0.97 -0.08	3 3 2 4 5 2	12.38 15.15 13.75 16.16 14.84 19.45 21.18	+2.26 +3.67 +3.65 +4.53 +3.45 +5.91 +7.61	43 38 42 57 40 46 38
VERMONT Burlington_Intl Island_Pond Montpelier Pownal Rochester Rutland_AG Sunderland Townshend_Lake	57 51 54 55 52 55 55 55	89 87 87 89 90 91 89	75 + 70 + 72 + 74 + 72 + 73 + 73 + 73 + 73 + 73 + 73 + 73	+12 +12 +14 +12 +9 +10	448 267 352 368 320 338 336 356	+48 +66 +68 +69 +53 -109 -85 -20	171 95 125 130 115 122 121 128	+80 +74 +83 +83 +77 +10 +25 +49	0.67 0.31 0.53 1.41 1.70 1.35 1.58 1.69	-0.10 -0.67 -0.31 +0.29 +0.79 +0.51 +0.77	2 2 3 5 4 4 5 5	7.44 10.26 10.00 13.08 13.89 9.05 13.70 13.71	-2.05 -0.21 +0.50 -1.68 +1.01 -0.86 +3.21 +2.35	38 50 46 45 41 39 49
MASSACHUSETTS Ashburnham Boston/Logan_In Greenfield New_Bedford Otis_AFB Plymouth Walpole Chicopee/Westov Worthington	55 53 54 53 57 53 54 61 52	89 88 89 86 90 87 91 91	70 74 + 72 + 74 +	+7 +10 +5 +12 +10 +11	369 401 411 336 443 327 415 532 333	+78 -77 -66 -135 +135 -11 +27 -54 +35	127 131 141 86 141 106 132 186 107	+85 +28 +27 -10 +98 +51 +57 +25 +62	2.35 1.05 0.85 0.01 0.19 0.00 0.31 0.16 0.32	+1.51 +0.28 -0.06 -0.87 -0.58 -0.84 -0.55 -0.82 -0.59	3 2 3 1 1 0 1 4 3	18.44 11.76 13.35 15.00 15.78 17.65 16.29 10.75 14.58	+6.81 -0.19 +0.93 +1.42 +3.19 +3.89 +3.32 -2.53 +1.07	48 40 41 41 39 37 38 46 47
RHODE_ISLAND Providence Woonsocket	59 55	88 91	74 + 74 +		448 429	+16 +47	136 137	+48 +73	0.00 0.00	-0.77 -0.96	0	13.19 17.29	-0.22 +3.53	36 41
CONNECTICUT Bridgeport/Siko Hartford/Bradle Norfolk Thomaston Dam Willimantic	63 62 57 58 58	88 93 86 90 91	78 + 73 +	13 12	513 566 364 441 471	+21 +16 +71 +39 +65	135 200 118 145 151	+12 +49 +76 +65 +71	0.02 0.07 0.19 0.71 0.00	-0.78 -0.84 -0.93 -0.27 -0.86	2 2 3 4 0	10.09 10.81 11.80 12.76 11.44	-2.85 -2.47 -3.41 -1.64 -2.36	44 42 43 46 39

Summary based on NWS data.

DFN = Departure from Normal (Using 1961-90 Normals Period).

Precipitation (rain or melted snow/ice) in inches. Precipitation Days = Days with precip of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.

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STATE WEATHER SUMMARY

For the Week Ending Sunday, June 12, 2005

	Air Tempe	eratures	Precipitation		
State	L HI A	V DF	LO	HI	
ME	35 93 6	5 +6	0.00	3.33	
NH	41 96 70	+10	0.00	2.98	
VT	46 96 72	+12	0.07	2.35	
MA	50 94 72	+10	0.00	2.35	
RI	55 91 71	+8	0.00	0.13	
CT	53 94 75	+11	0.00	0.71	

Prepared by AWIS, Inc.

REPORTERS COMMENTS, By County: Reporters are from extension Service (Ext), Farm Service Agency (FSA), Natural Resources Conservation Service (NRCS), or other knowledgeable individuals.

CONNECTICUT - Howard Rood (FSA), Fairfield/Litchfield: Warm weather this past week has really pushed the corn along. Jude Boucher (Ext), Tolland: 90 degrees or near 90 degrees everyday this week. No rain. Crops could use a drink and some herbicides may not activate. Ross Eddy (FSA), Hartford/Tolland: High heat with many days in the 90's with humidity high as well pushed corn and other crops. On sandy soils drought is an issue and moving irrigation pipe and pumping water were major activities. Spraying roundup on RR corn. Broadleaf tobacco planting nearing completion. Dry hay made from Wednesday on into the weekend. Transplanting peppers, tomatoes and eggplant. Frank Himmelstein (Ext), New London: Field Corn- The unusually hot temperatures pushed the corn crop along with much faster growth than usual for this time of year. Growers will be finishing up planting the last of their fields in the coming week. The typically wetter fields that were planted later this year should do quite well this time. Growers should be scouting weeds in their fields for post-emergence treatments for glyphosate resistant corn and to record weed escapes from pre-emergence herbicide treatments. Burcucumber, a serious weed problem in our region, and flourishes under these weather conditions. Hay crop- A great deal of grass was chopped this week with some growers baling square and round bales. Growers trying to get a jump on the hay crop earlier this month did their fair share of rutting up wet areas in the field. Dawn Pindell (FSA), Windham: Hazy, hot, humid, some thundershowers but getting really dry. Hay matured short, corn planted and up in five days, irrigating strawberries which are averaging a week later than usual for harvest. Karen Vozarik (FSA), New Haven: Extreme heat and humidity in the mid 90's all week. Nights were in the 70's. No rain has fallen. Producers are irrigating very dry fields. Corn is up and doesn't look stressed yet. Strawberries are out. Joyce Meader (Ext), Windham: Poultry manure being spread with fly larvae, generating many neighbor concerns. Coops emptying manure at this time of year is not a best management practice. Spreading larvae infested manure when over 50 degrees temperatures is a good way to meet your neighbors during graduation picnics. Richard Meinert (Ext), CT Cooperative: Farmers made hay this week as temperatures shot into the 90s. Humidity made drying conditions poor - and afternoon showers washed some hay. Corn jumped out of the ground with the heat - some fields as much as 4" overnight. PSNT testing is getting underway for some of the earliest corn planted. Marcia Jette (FSA), New London: Warmer, dry weather has allowed producers to do final corn planting, start green chopping and haying. Vegetables being planted, cool weather in the beginning has put everything about a week behind. Strawberries will be ready next weekend and looking good.Lorriane Los, Univ of Connecticut: It was an extremely hot and humid week. Plum curculio became active and caused some damage in all tree fruits.

MAINE - Marvin Hedstrom, Northern Aroostook: Potatoes for the most part are all planted with some of the early planted emerging. Even some of the later planted are just about ready to emerge. Mother Nature has a way of catching up to what is normal. Many growers are applying herbicides. Some are picking rocks dug up during spring tillage. Everything looks quite good. Pam Hickey (Ext), Central Aroostook: Thunder showers/rain have delayed some planting. Most farmers are about 95-98% done planting. Hopefully, all will finish this week if rain holds off. Potatoes already planted earlier are emerging. Albert Dow (NRCS), Piscataguis: Planting is going full tilt. Hot weather gave a boost to planted crops. Temperatures were in the high 80's part of the week. Gleason Gray (Ext), Penobscot: Field work progressing rapidly, some low area still very wet. Kathy Hopkins (Ext), Somerset: Finally some sun. Planting in high gear. Some hay cut and rained on by a series of thunderstorms over the weekend that also knocked out power in some areas. Dr. David Yarborough (Ext), Washington: We are just past peek bloom which makes the crop about two weeks late. Bloom has been more concentrated with the delay and the bee activity is high so we expect good pollination. Little blight is evident despite the wet weather. Gary Raymond (FSA), Franklin: Some hay was harvested before we started getting tropical downpours each afternoon. Some crops that were planted early had to be replanted because the seed rotted in the cold damp soil. Crops planted recently have jumped right out of the ground with the sun, heat and moisture. Hay harvest is getting really tricky. Marcia Hall (FSA), Oxford: Oxford County producers are still welcoming the sunshine and wishing the rain showers would stay away. The animals are getting out into the pastures and crops are still being planted. The crops are behind schedule and will be late coming this year. Donna Lamb (Ext), Piscataquis: A lot of farm work occurred this week. Finishing manure spreading, plowing, tilling and some planting. Have not seen anyone harvesting hay. Animals are being rotated through pastures. Laura Rand (FSA), Androscoggin: Farmers are out straight trying to get

crops planted after being about two weeks behind schedule. Silage and grain corn emerging. The weather is feast or famine - hot, humid weather for the past several days with scattered showers. Sandy Truslow (FSA) Cumberland/York: Warm weather finally arrived! Producers were busy trying to catch up on planting or cutting green chop. Vegetable producers report crops are 2-3 weeks behind. Potatoes rotted in the ground. Wetter areas will not get planted this year. Donald Burke (FSA) Waldo: Haying has begun and silage corn planting is underway. Pastures are looking good now that the sun has come out. Farmers now able to plant crops now that the ground has dried out. Pollination is almost complete on blueberries and apples. Trudy Soucy (FSA) Know/Lincoln: Gardens are being planted now that the ground has dried out. The first crop of salad greens are ready. Patches of Monilinia blight appearing in blueberry fields. Also insect damage in new burn fields. Barbara Murphy (Ext) Oxford: Hot and humid weather has resulted in good crop growth. Lots of fungal diseases around. Localized hail storms last week may have damaged some crops.

MASSACHUSETTS - Arthur Williams (FSA), Berkshire: Warm to hot weather with only cloudy skies. Nearly one inch of rain. Great weather for field work, two good days for making hay early in the week, the other days a lot of haylage was baled or chopped and put in plastic bags or cover! Most corn looking good and being sprayed for weed control. Orchardists still lacking for bee activity to help. Veggie growers real busy planting. Ted Smiarowski, Jr. (FSA), Hampshire/Hampden: The weekend brought isolated rain showers to the area. Some areas received two inches of rain while others received none. It was hot and humid all week. Planting cucumbers, peppers, tomatoes, beans, and pumpkins. Harvesting asparagus, spinach, rhubarb, lettuce, hay and straw. Potatoes are being hilled up and early sweet corn is tasseling. Vegetable growers are scouting their fields for Colorado Potato Beetles. Tobacco crop looks good and it being cultivated. Gary Guida, Worcester: Heat and sun! For a full week! Everyone's plowing, planting transplants, laying plastic, spreading fertilizer, top dressing emerged corn-just a busy field work week with growers (like me) trying to catch up and we're almost there! Plant sales at farm stands excellent. John Devine (FSA), Franklin: Hot and muggy weather conditions have most crops growing so fast that you can watch them grow! This is especially true with all the forage and early crops. Scattered thundershowers have literally dumped rain in some areas of the county while other sections remain bone-dry. It's been really tough to decide whether to cut hay or wait. The crop is maturing rapidly but conditions are not right for baling. Top-dressing and cultivation have most row crops looking great. Potatoes are starting to flower.

NEW HAMPSHIRE - Amy Ouellette (Ext), Belknap: Summer! Average high temperature 82. Plant growth excellent. Stifling humidity at end of week, with some heavy showers fouling up fieldwork. Strawberries 1/3 grown; no red yet.

Tina Savage (Ext), Carroll: From one extreme to another. Hazy, hot and humid is the story of the week. Some attempts at first cutting, mixed results. Grass is mature to over mature in pastures and hay fields. Apples seem to be fairly well pollinated despite an apparent lack of bees. Plum Curculio active. Carl Majewski (Ext), Cheshire: Hot, muggy weather all week with a few thunderstorms here and there. Field corn is growing rapidly with the heat, some fields at 3-4 leaf stage. Harvest of baylage/haylage continues, with some farms finishing up first cutting. Less than ideal drying conditions for dry hay. Vegetables doing well, farm stands offering lettuce, radishes, and high tunnel tomatoes. Orchards starting to report heavy losses from last month's hard frost, some varieties faring better than others. Steve Turaj (Ext), Coos: Hot humid week with severe thunderstorms toward weekend. Mowing machines moving to fields as haylage harvest commences. Nearly all field corn planted with most emerging quickly now. A few unplanted corn fields in wet areas not in at midweek. Garden centers and nurseries doing a brisk business. Some drawing down stock a bit on a few plant types. Veggie transplants doing well, early season crops look to be coming along well. Weeds also growing well. Concerns for apple scab with set conditions that are prevailing. Although was starting to look a little dry in northern part of the county at mid-week. Nice timing of apple and blueberry blossoming and sunshine this year, bees quite active during this period. Looks like a good fruit set. George Hamilton (Ext), Hillsborough: Vegetables; Transplanting tomato and pepper plants, and making successive planting vegetable crops. Harvesting spinach, greens, radish, asparagus and rhubarb. Finally, the SUN and HOT temperatures have appeared and plants are wilt but they starting to green up. Fruit; Fruit growers monitoring pest and crop development and applying cover sprays for pest control. Orchardists deciding what thinning options they are going to apply. Mowing orchard

4 – Crop Weather, June 13, 2005

floor and weed spraying under trees. With the previous week's rainy conditions, growers are making sure to have protectant fungicides applied for strawberry fruit mold control. Field Crops; Planting and weed spraying corn fields. Farmers are continuing trying to make haylage and trying to make baled hay between rain showers. Some fields too wet for harvest equipment. Grasses heading out and maturing, especially orchard grass. Corn growing slowly. Sadie Puglisi (Ext), Merrimack: A humid week with lots of sunshine. The cool, rainy spring is bringing in lots of questions about anthracnose and other ornamental problems. Tom Buob (Ext), Grafton: Hay harvest continues when weather permits. Hay yields are off due to winter kill and weather conditions. Corn planting finished up and early planted corn is up and growing. Scattered thunderstorms providing moisture for crops or getting hay wet. Re-growth is good due to moisture. Pam Marvin (FSA), Sullivan: Hazy, hot and humid. Great weather to accelerate the corn crops. Is also helping to advance vegetable growing. Afternoon storms have kept things watered. Been difficult getting dry hay cut with rain every afternoon. Greenhouses and nurseries have been doing good business in this warm weather. Most silage corn is planted, few fields

RHODE ISLAND - Karen Menezes (Ext), Newport: Lots of good heat and sunshine have made the difference. Corn, field and sweet look great, color and growth have both improved. Field work continues, cultivating potatoes and haying fields. Most summer vegetables planted. Roadside stands still busy and full of plants and cole crops.

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VERMONT - John St. Onge/Kim Peterson (FSA), Lamoille: The recent hot humid weather has done wonders for the corn crop. First cut of grass is progressing nicely but yields are definitely down at least 15% from normal with good quality. This area was spared some of the flash flooding that occurred in other locations of the state. Manure being spread on fields where grass was harvested. Dave Blodgett (NRCS), Orleans: Farmers harvested a lot of hay this past week. We had a few scattered showers but mainly a dry week. Most of the corn has germinated and is 2-3 inches tall. Germination on the fields I looked at is uniform. Hay crop looks good and should be high quality feed. Perley Sparrow (FSA), Windham: It has been corn growing weather this past week (H-H-H). Drying hay is slow with scattered showers this past week. Manure spreading after first cutting has helped second cut off to a great start. Veggie growers are happier now that we have the warmer weather and their crops are looking better. Dennis Kauppila (Ext), Caledonia: Hot and muggy. Heavy thunderstorms on 2 afternoons gave us an inch of water each time. Fields were beginning to dry out before that happened. Some very muddy situations in hay fields. Corn is responding to the heat. Sherwin Williams, Rutland: Still planting late sweet corn. Spraying crops for weed control. Hand weeding on cole crops and early vegetable crops. Most vine crops have been planted. 0.911 rain. Almost one inch of rain, it came down in two showers. Helped a lot. Big daily cuts of asparagus, plenty of scallions, lettuce, radishes and rhubarb in the market now. With warm weather and rain gardens looking

May 2005 Crop Weather Summary: New England farmers experienced one of the coldest May's in history, and extended periods of precipitation made it also one of the wettest. Rain, cold soil temperatures and saturated fields resulted in only 18 workable days for the month of May. Soil moisture levels were rated near or above 40 percent surplus all month long. Planting progress was at least two weeks behind schedule for many field crops by month's end. Hay field growth was slow due to cool temperatures, and lack of sunshine kept harvest below the five percent mark; normally ten percent is baled by the end of May. Maine farmers experienced the worst of the delays from unfavorable weather conditions. Fall potatoes were 20 percent planted by the end of the month, compared with 80 percent normal. Oats and barley planting had only reached the halfway mark in Maine by the end of May; normally 85 percent is seeded. Potato planting in Massachusetts and Rhode Island had neared completion at month's end after a slow start, which put progress back on schedule with normal. Only 15 percent of the 2005 field corn crop had emerged by the end of May, compared with 45 percent a year earlier. Shade tobacco transplants were nearly all set out by the end of the month, while broadleaf tobacco farmers were just getting started; both types on schedule with normal. Temperatures dipped below freezing and caused frost damage to fruit crops in some areas; total damage was uncertain at month's end. Tree fruit and berry condition was rated by crop specialists as fair to good in response to less than optimum pollination and spraying weather. Vegetable growers battled poor germinating conditions due to cool soil temperatures. Greenhouse producers struggled with fungal diseases on crops, the added expense of heating their facilities, and poor sales due to the extended cool, rainy weather.

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